



MI-CW1613

Michigan Crop Weather

April 22, 2013

Field Crops

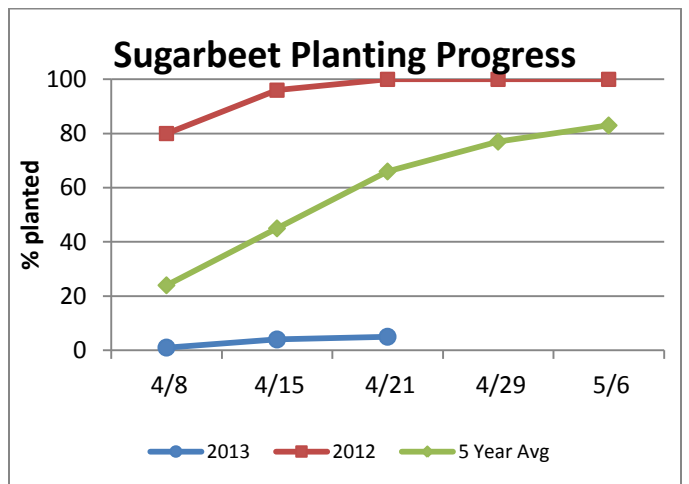
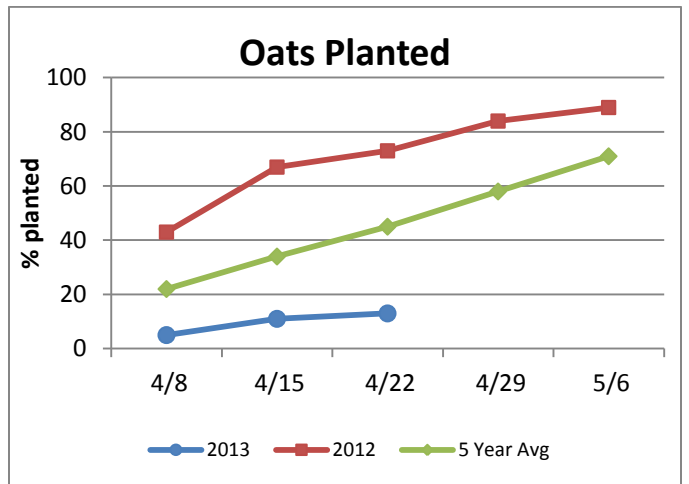
One day was suitable for field work in Michigan during the week ending April 21 according to the USDA, NASS, Great Lakes Region. Rain, snow, and cold weather were prevalent last week. Rain fall totals are well above normal. Some areas saw more than 4 inches of rain. This participation coupled with snow melt and the rain received previously had streams and rivers running high. Flooding occurred, especially in southern Michigan. Low areas of fields were under water. **Winter wheat** in southern Michigan greened nicely. Wheat in northern Michigan remained dormant. Wheat in low areas of fields has been under water for a few days and there may be some loss. Fields were saturated so very little field work occurred last week. **Maple syrup** producers reported an excellent season thus far.

Fruit

Cold wet conditions continued to hinder growers' efforts to prune. New tree and small fruit planting has also been greatly reduced. Most tree fruits were still in bud swell. Early varieties of **apples** were in silver tip in the southwest. **Grapes** were still mostly dormant. **Strawberries** were greening up; new leaves were emerging. **Blueberry** flower buds began bursting in the southwest. Many fields showed dead and weak wood as a result of last year's drought.

Vegetables

In West Central Michigan, cool wet weather has kept **asparagus** development a week behind normal. Growers don't expect to begin harvest for a few weeks. **Carrot** and **onion** planting in the West Central region was also delayed to high soil moisture.



Soil moisture for week ending 04/21/13

Stratum	Very short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil	0	0	19	81
Subsoil	0	3	45	52

Crop condition for week ending 04/21/13

Crop	Very poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Pasture	11	16	32	37	4
Winter Wheat	4	8	31	53	4

Crop progress for week ending 04/21/13

Crop	This week	Last week	Last year	5-year average
	Days	Days	Days	Days
Days Suitable for Fieldwork	1	1	--	--
	Percent	Percent	Percent	Percent
Corn, planted	0	0	10	7
Oats, planted	13	11	73	45
Oats, emerged	2	1	41	17
Sugarbeets, planted	5	4	100	66

Michigan Weather Summary for Week Ending 04/21/13 ¹												
Station	Temperature			Cumulative growing degree days ²			Precipitation					
	Maximum	Minimum	Departure from normal	2013	2012	Normal	This week	Last two weeks	Last four weeks	Since March 1	Normal	
											Since March 1	For month
Ironwood	49	15		NA	NA		1.79	3.68	4.92	4.46		
Marquette	51	10		1	36		1.42	3.63	4.44	4.06		
Stephenson	52	21		8	78		0.54	1.35	2.29	1.93		
Western UP	52	9	-11	2	40	42	1.36	3.11	4.20	3.76	1.56	2.28
Cornell	48	14		0	61		0.86	1.79	2.79	2.37		
Sault St Marie	43	16		0	34		0.87	1.57	2.80	2.48		
Eastern UP	56	10	-8	1	43	18	0.89	1.88	2.84	2.48	1.72	2.43
Beulah	57	23		7	74		1.17	4.20	4.82	4.50		
Lake City	56	11		8	92		1.52	3.89	4.18	4.05		
Old Mission	56	19		7	58		0.62	2.68	3.32	3.15		
Pellston	51	12		1	61		0.72	1.22	1.67	1.43		
Northwest	57	11	-8	6	65	55	0.88	2.75	3.23	3.06	1.83	2.69
Alpena	62	17		14	61		1.66	3.75	4.00	3.94		
Houghton Lake	59	18		15	89		1.75	4.80	4.94	4.89		
Rogers City	59	17		6	39		0.96	2.34	2.44	2.39		
Northeast	62	16	-7	9	59	50	1.22	3.16	3.29	3.24	1.75	2.52
Fremont	58	21		18	102		2.10	5.78	6.80	6.70		
Hart	59	22		17	85		1.93	4.95	5.47	5.25		
Muskegon	64	23		24	101		3.38	6.80	6.95	6.89		
West Central	64	21	-6	21	92	69	2.38	5.36	5.87	5.69	2.04	3.16
Alma	65	24		24	101		1.49	4.75	4.76	4.76		
Big Rapids	59	NA		14	103		2.22	5.87	6.10	6.06		
Central	65	NA	-7	16	102	76	1.64	4.25	4.49	4.47	1.91	3.07
Bad Axe	73	25		31	71		2.75	6.21	6.27	6.22		
Pigeon	72	25		35	71		2.38	4.65	5.64	5.60		
Saginaw	70	25		35	106		2.91	6.41	6.42	6.41		
Standish	73	25		31	89		2.75	6.21	6.27	6.22		
East Central	75	18	-6	20	56	74	1.96	4.17	4.31	4.28	1.56	2.55
Fennville	62	22		37	101		4.38	7.48	7.84	7.84		
Grand Rapids	65	24		34	117		5.78	9.76	9.91	9.84		
Holland	67	26		50	67		4.76	8.28	8.41	8.37		
South Bend, IN	72	26		76	151		2.84	4.55	4.60	4.58		
Watervliet	70	22		64	NA		2.13	4.63	4.89	4.86		
Southwest	72	22	-6	40	90	90	3.21	5.77	6.00	5.96	2.16	3.41
Belding	61	22		27	106		3.52	7.47	8.05	8.02		
Coldwater	73	22		68	127		3.04	5.41	5.53	5.52		
Lansing	72	25		50	118		3.01	6.81	6.85	6.81		
South Central	73	17	-6	44	99	89	3.26	6.42	6.58	6.55	2.03	3.19
Detroit	80	27		65	137		2.14	4.21	4.27	4.21		
Flint	77	23		57	130		1.86	5.30	5.31	5.30		
Romeo	75	24		46	107		1.41	3.51	3.61	3.61		
Tipton	74	25		56	129		3.06	5.25	5.25	5.25		
Toledo, OH	80	25		74	NA		1.26	3.44	3.54	3.44		
Southeast	80	19	-4	47	114	82	1.66	3.72	3.81	3.79	2.07	3.21

¹ Issued by the USDA, NASS, Great Lakes Region in cooperation with the U.S. Department of Commerce, Michigan State University Cooperative Extension Service, Agricultural Meteorologist, Department of Geography, and Crop Advisory Team ALERTS.

² Growing degree days (GDD) is the sum of daily mean temperatures minus 50 per day, 86 maximum and 50 minimum. The GDD is accumulative from March 1.